THE STATE UNIVERSITY OF ZANZIBAR

(SUZA)

REGNO BITA/5/21/048/TZ

FIRST NAME FARHAT ALI OMAR

COURSENAME WEB

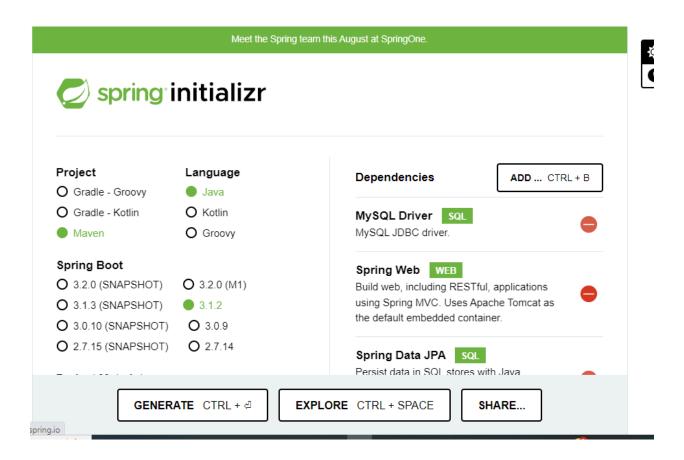
LECTURENAME MR MASSOUD

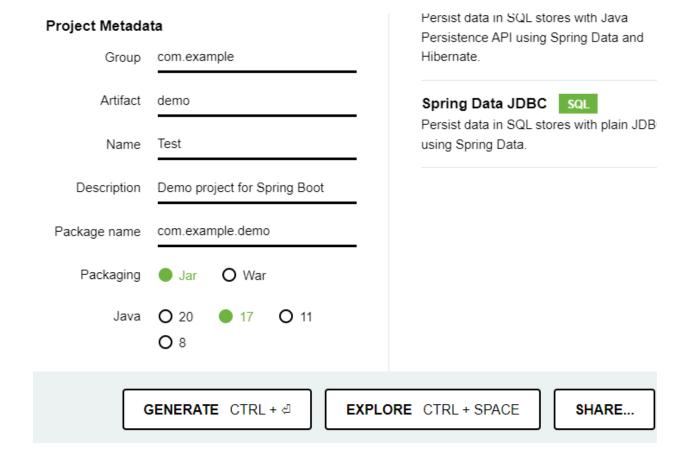
TEST MARKUP TEST

REPORT

The first step spring initializer.

When create spring initializer first must be open the goggle tab or chrome tab to search the spring initializer than to choose the language java ,select maven project, to choose the package and also than to add dependences.





The second step

After create spring boot initializer to generate folder and than to open folder and to create crud MODEL

This is the table to create the get and set in our field that exist.

```
: > main > java > com > example > demo > model > 🔰 modelemployee.java
     package com.model;
     import javax.persistence.Column;
     import javax.persistence.Entity;
     import javax.persistence.GeneratedValue;
     import javax.persistence.GenerationType;
     import javax.persistence.Id;
     import javax.persistence.Table;
     @Entity
     @Table(name="employeeb")
12
     public class modelempoloyee {
13
         @Id
14
         @GeneratedValue(strategy = GenerationType.IDENTITY)
         private long id;
16
         @Column(nullable = false)
17
         private String fname
18
         @Column(nullable = false)
19
         private String email;
```

```
24
         public modelempoloyee(Long id, String fname, String email){
25
              this.id = id;
26
              this.fname = fname;
28
              this.email = email;
29
30
31
32
         public Long getId() {
33
             return id;
34
35
36
         public void setId(Long id) {
             this.id = id;
37
38
39
10
         public String getFname() {
41
              return fname;
42
43
14
         public void setFname(String fname) {
45
             this.fname = fname;
46
47
         public String getemail() {
48
49
             return email;
50
51
         public void setemail(String email) {
52
53
             this.email = email;
54
55
```

```
1
    public class controlleremploye {
    package com.controlleremploye;
    import java.util.List;
    import org.springframework.beans.factory.annotation.Autowired;
    import org.springframework.http.ResponseEntity;
    import org.springframework.web.bind.annotation.CrossOrigin;
    import org.springframework.web.bind.annotation.DeleteMapping;
    import org.springframework.web.bind.annotation.GetMapping;
    import org.springframework.web.bind.annotation.PathVariable;
    import org.springframework.web.bind.annotation.PostMapping;
    import org.springframework.web.bind.annotation.RequestBody;
    import org.springframework.web.bind.annotation.RequestMapping;
    import org.springframework.web.bind.annotation.RestController;
    @CrossOrigin(origins = "*")
    @RestController
    @RequestMapping("/employee")
    public class controller {
        @Autowired
        private CollegesRepository modelempoloyeeRepository;
        @PostMapping("/add")
        public modelempoloyee addEmployee(@RequestBody modelempolo
            return modelempoloyeeRepository.save(employeebtb);
```

```
@GetMapping("/add")
public List<Colleges> getAllEmployee(){
    return modelempoloyeeRepository.findAll();
}
@DeleteMapping("/add/{id}")
public void delete(@PathVariable long id){
    Repository.deleteById(id);
}
```

SERVICES

```
public class repositoryemployee {
    package com.demo.repository;

import org.springframework.data.jpa.repository.JpaReposit
    import com.demo.model.repositoryemployee;

public interface repositoryemployeeRepository extends Jpa
}
```

After finished the crud go to the API client for me choose postman to test my data.

onse



Could not send request